

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/10399

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : D06M 16/00
 US CL : 8/115.6,116.1; 435/263

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 8/115.6,116.1; 435/263

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 WEST**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	US 6,488,718 B1 (REARICK) 03 December 2002 (03.12.2002), see claim 14 and columns 9 and 10	1-28
E,X	US 6,608,024 B1 (DU VAL et al) 19 August 2003 (19.08.2003), col 3 lines 8-29 and col 28 lines 20-37	13,14,19-23,28
X	US 5,512,203 A (KOLATTUKUDY et al.) 30 April 1996 (30.04.1996), see abstract and entire patent	13-15, 18
X	US 4,810, 414 A (HUGE-JENSEN et al.) 07 March 1989 (07.03.1989), see example 2	13-17
X	US 6,184,010 B1 (RIEGELS et al.) 06 February 2001 (06.02.2001) col 5 line 66 to col 6 line 1	13-18
X	US 5,968,813A (KOFOD et al.) 19 October 1999 (19.10.1999), see abstract	1,2,3, 12-14, 20

<input type="checkbox"/>	Further documents are listed in the continuation of Box C.	<input type="checkbox"/>	See patent family annex.
*	Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

21 August 2003 (21.08.2003)

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